

IL17 A/F, Rat recombinant protein
Interleukin 17 A/F, IL-17A, IL-17F, Interleukin 17A, Interleukin 17F
Catalog # PBV11194r**Specification**

IL17 A/F, Rat recombinant protein - Product info

Primary Accession [O61453](#)
Calculated MW **30.7 kDa. KDa**

IL17 A/F, Rat recombinant protein - Additional Info

Gene ID **301289/ 301291.**
Gene Symbol **IL17 A/F**
Other Names
Interleukin 17 A/F, IL-17A, IL-17F, Interleukin 17A, Interleukin 17F

Gene Source **Rat**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **N/A;**
Recombinant **Yes**
Sequence **IL-17A subunit: MAVLIPQSSV CPNAEANNFL
QNVKVNLIKVL NSLSSKASSR RPSDYLNRS
SPWTLARNED PDRYPSVIWE AQCRHQRCVN
AEGKLDHNMN SVLIQQEILV LKREPEKCPF
TFRVEKMLVG VGCTCVSSIV RHAS
IL-17F subunit: MARRNPKVGL
SALQKAGNCP PLEDNSVRVD IRIFNQNGI
SVPRDFQNRS SSPWD YNITR DPDRFPSEIA
EAQCRHSGCI NAQGQEDGSM NSVPIQQEIL
VLRREPQGCS NSFRLEKMLI KVGCTCVTP
VHHAA**

Target/Specificity
IL17 A/F

Application Notes

Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions.

Format
Lyophilized

Storage
-20°C; Lyophilized without any additives.

IL17 A/F, Rat recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL17 A/F, Rat recombinant protein - Images

IL17 A/F, Rat recombinant protein - Background

Interleukin-17AF (IL-17AF) is a member of the IL-17 family of proteins produced by a subset of T cells, called Th17, following stimulation with IL-23. Since IL-17AF is thought to signal through the IL-17R receptor, its biological function is similar to that of IL-17A in that it induces the production of a variety of chemokines, in addition to airway neutrophilia. In regard to these functions, IL-17AF has less activity than the IL-17A homodimer but, greater activity than the IL-17F homodimer. Human and rat IL-17AF both show activity on mouse cells. Recombinant rat IL-17AF is a non-glycosylated, disulfide-linked heterodimer. It is comprised of one monomeric subunit each of IL-17A and IL-17F, having a total of 269 amino acids and a molecular weight of 30.7 kDa.

IL17 A/F, Rat recombinant protein - References

Rouvier E.,et al.J. Immunol. 150:5445-5456(1993).
Yao Z.,et al.Gene 168:223-225(1996).
Kennedy J.,et al.J. Interferon Cytokine Res. 16:611-617(1996).